

THE BULLETIN

NOVEMBER 20, 1995 - 49TH YEAR - NUMBER 8

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Degree time

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Land of hope and glory

SLAVERY WAS PRACTISED IN EARLY medieval England and is the subject of a work by David Pelteret. *Books. Page 6*

The world at our door steps

TWENTY-FIVE WORLD LEADERS meet at Victoria College next week. *Events. Pages 8, 9*

Bell Hike Hurts

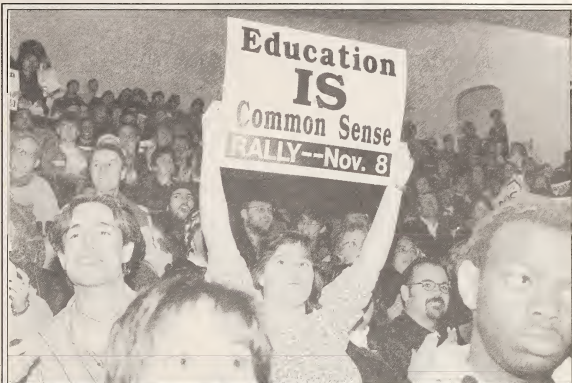
BY ALFRED HOLDEN

A BELL CANADA DECISION TO more than double phone rates for data communications lines will hit U of T hard, says Eugene Scianus, director of computing and networking services. "The impact is likely over \$250,000," he said in an interview.

Scianus was responding to unexpected news that Bell will raise fees from less than \$30 a month per line to \$75. Bell has told U of T and other customers that it was changing the lower rate by mistake. Computing and networking services has 296 data communications lines that are used by students, staff and faculty for library access, e-mail, calling the Internet, "the whole bit," Scianus said. Some divisions also maintain their own lines.

Scianus said his office will be forced to eliminate a number of basic service lines and that 48 new telephone lines on order "will now be deferred." It is unfortunate, he said, because the demand is increasing as more members of the U of T community use computers and modems to call the dial-up services and

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Students, staff and faculty protest impending budget cuts at Convocation Hall rally.

UNITE, FIGHT CUTS

BY SUZANNE SOTO

STUDENTS, STAFF AND FACULTY must join other groups facing government funding cuts and form a front that Premier Mike Harris cannot ignore.

That was the message delivered by speaker after speaker at a two-hour rally Nov. 8 at Convocation Hall. The protest was held to oppose an anticipated 30 percent reduction to post-secondary education funding and some 1,700 people, mostly students, packed the hall, chanted slogans and wildly cheered the 12 speakers. The loudest cheers went to former Ontario premier Bob Rae, who urged the crowd to mobilize friends and neighbours also affected by the cuts.

"Think of the hospitals and the health care system that is being cut. Think of those on social assistance," Rae said. "Fight for yourselves, fight for others, fight for common

decency and fight for the future of Ontario."

Organized by a campus coalition that included the Students' Administrative Council, the Graduate Students' Union and the staff and faculty associations, the theme of the noon-hour rally was Education Is Common Sense. Speaking on behalf of the administration, Provost Adel Sedra said the funding decisions contained in the provincial government's soon-to-be-released economic statement will be "critical" and urged rally participants to keep the momentum against cuts alive.

"The impact of this statement will be far-reaching and virtually every aspect of university life will be affected," Sedra cautioned. "Whatever our position on other issues, the key challenge now is the funding issue. Let us join forces and ensure that we are not asked to pay more than our share."

SAC president Marco Santaguida called the proposed \$400 to \$800 million in cuts "counterproductive" to Ontario's economic well-being, while David Blair, president of the Association of Part-time Undergraduate Students, warned that if Harris does not safeguard students' right to accessible and affordable education, he can be sure "that there will be no future for a Conservative government."

Many participants at the rally, which was followed by a demonstration at Queen's Park, agreed with the speakers. "Harris will give wealthy people a tax break instead of giving young people an education," said Abdul Egal, a fourth-year engineering student. "But education is the way to get the economy moving and create jobs so cutting back university funding does not make sense."

Susan Grant, liaison officer and

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Maclean's Ranks U of T First Again

BY ALIDA MINCHELLA

U OF T HAS BEEN RANKED FIRST overall among medical/doctoral universities in Canada by *Maclean's* newsmagazine for the second year in a row.

Medical/doctoral universities are defined as those with a broad range of PhD programs and research as well as having medical schools.

"It's always gratifying to be recognized as Canada's leading university," said Provost Adel Sedra. "Regardless of the particular measures that *Maclean's* used to arrive at the ranking, we have always known that we have outstanding faculty, students and staff and that our alumni go on to make outstanding contributions in their chosen fields."

The 11 medical/doctoral universities were ranked in 22 categories including student body, finances, faculty and reputation — U of T was first in 11. The University had the highest percentage of faculty with PhDs, the highest percentage of full-time teaching staff to win national awards, the largest library holdings and the highest percentage of budget spent on student services, scholarships and bursaries.

The University's first-place ranking for alumni support was a pleasant surprise, Sedra said. Just over 25 percent of its alumni have made gifts to the University over a five-year period. "One out of every four alumni makes a gift to the University. For a University this size, that is very good."

However, U of T placed fifth in reputation with its graduates and within the community in innovation, leadership and quality. "That is an area of great concern to me," Sedra said. "We intend to improve our efforts at communicating with high schools and in recruitment in the hope that it will pay off." The ranking might be due, in part, to a lack of knowledge about U of T and in part to the stereotypical reaction of the University as a traditional institution, he said.

Although most senior high school students are interested in the *Maclean's* issue, the rankings may not influence student decisions, said Ruth Watkins, head of the guidance department at Harbord Collegiate. "They are curious about it and interested in it but I don't think it has a lot of influence on where they want to go," she said.

Sullivan Wins Literary Award

English professor receives Governor General's Award for biography

A U OF T PROFESSOR HAS JOINED a select group in Canadian literary circles. Rosemary Sullivan of English at Erindale College has been awarded one of this country's premier prizes — a coveted Governor General's Literary Award.

Her book *Shadow Maker: The Life of Gwendolyn MacEwen* (HarperCollins) was selected over 220 other entries in the English non-fiction category. The names of the 14 winners in English- and French-language categories were announced at Toronto's Winter Garden Theatre Nov. 14.

Sullivan was "absolutely thrilled" when her name was called. "It's just something you don't expect at all,"

she said in an interview. Although this is her first Governor General's award, she had been on its short list in 1991 for her biography *By Heart: Elizabeth Smart — A Life*.

Her biography *Shadow Maker* is a penetrating look at one of this country's most creative and enigmatic poets, Gwendolyn MacEwen, who died mysteriously and alone at the age of 46.

Former Governor General Literary Award winners from U of T include Professor Cecile Cloutier-Wojciechowska of French who won for French language poetry and the late University Professor Northrop Frye who won in English non-fiction, both in 1986.



Rosemary Sullivan

IN BRIEF



Building patrol

U OF T POLICE HAVE INITIATED A STUDENT BUILDING patrol program through the WalkSafer program. Pairs of students will patrol the grounds and common areas of some buildings when not working as WalkSafer escorts. The patrols will operate every day from 8 p.m. to 2 a.m. The students will report insecure areas and suspicious activities to police. Distinctive jackets and baseball caps will make patrollers easy to identify.

Poster plasterers must pay up

THE ADMINISTRATION MAY HIRE COLLECTION AGENCIES to force groups plastering posters on unauthorized spots to pay for clean-up costs. The University is trying to keep its buildings clean, David Neelands, assistant vice-president (student affairs), told University Affairs Board Nov. 7, but some groups will not stick to the rules and insist on pasting their flyers outside designated kiosks and bulletin boards. A couple of years ago, the

administration asked "poster vandals" to pay for the cost of removing their messages. Bills amounting to about \$4,000 have been sent to these groups and some of the money recovered. A collection agency would only be hired when a group repeatedly defaces University property and declines to pay for the removal, Neelands said.

Exotic edibles at Gallery Grill

HART HOUSE OFFICIALLY REOPENED ITS UPSTAIRS dining room Nov. 16 with a reception that attracted about 350 people, who sampled everything from artichoke and potato cigarettos to Fred's Bread, "the hottest bread in town," said Warden Peter Turner. The old Gallery Club, which closed in June 1994 after an electrical fire destroyed the premises, is now called the Gallery Grill. Refurbished with new wiring and reupholstered furniture, the restaurant features a kitchen and a chef of its own and an exotic menu designed to attract large numbers of guests from U of T and beyond.

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Fact Is...

U OF T HAS RAISED \$350,000 towards its goal of \$555,555 for the 1995 United Way campaign. It is hoping to meet or surpass its target by Dec. 15.

FOUR OUT OF FIVE (OR 80 PERCENT) of Royal Society fellows who teach at Canadian business schools teach in U of T's Faculty of Management.

SPENDING BY U OF T STUDENTS boosts the local economy by an estimated \$202 million not counting tuition, fees and on-campus residence charges.

IN MEMORIAM

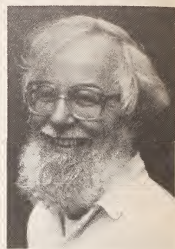
Wilker Taught Math Overseas

PROFESSOR JOHN WILKER, who joined the Department of Mathematics in 1970, died of cancer on Oct. 10, following his second bout with the disease. Wilker was a "very gentle and pleasant and friendly" colleague and instructor, said his friend, math professor James McCool. "He was very independent too, very much his own person. He is going to be missed."

Wilker was born in Ottawa and raised in St. Catharines and Toronto. He earned a BSc in mathematics at U of T in 1965 and a master's at UBC. His U of T PhD thesis, completed in 1968, was entitled *Almost Perfect Packings*, a reference to the geometrical problem of "packing" figures of a given size and shape into another shape as tightly as possible.

After receiving his PhD, Wilker taught at Pahlavi University in Iran. All through his career he collaborated with a number of mathematicians from around the world on a variety of projects.

In the classroom Wilker "was an outstandingly good teacher of mathematics," said Professor Emeritus Arthur Sherk of mathematics. "His engaging personality and obvious concern for students were combined with a talent for clear presentation. Quick to understand a student's difficulties, he usually found an



imaginative way to dispel them."

Wilker was a member of the Mathematical Association of America and the American Mathematical Society and at the time of his death was a director of the Canadian Mathematical Society.

McCool became close friends with Wilker in the late 1970s when they taught at Scarborough and discovered a mutual interest in golf. They used to play what McCool calls "poor man's golf." "We couldn't afford to join the country clubs, and we weren't really serious golfers, so we'd do the public courses. There used to be a little golf course just down the road from the college. It was tempting on a nice fall afternoon to sneak out for a few holes."

Bell Hike Hurts

- Continued from Page 1 -

Internet access provided by the University.

However, he noted that U of T had already been planning its own user fees for some services starting in January to help cover costs and improve access. Because of the Bell rate hike, these charges — for what will be a premium service offering more speed and fewer busy signals — will likely be higher than planned, he said.

In a letter to Scianus a Bell representative apologized for the increase. "We recognize the severe financial crunch the universities are going through," account executive Julie Nelson said.

In an interview Bell spokesperson John Peck said lines used for data communications were erroneously charged at the same rate as lines for voice communications. The problem became apparent when phone lines were jammed with computer users hooked up "55 to 60 minutes an hour," he said.

Bell is entitled and required to charge the full rate. "Right now the CRTS [Canadian Radio-Television &

Telecommunications Commission] requires that we apply the appropriate tariff and charge the correct rate."

Other universities are facing the same increases as U of T. The Association of Computer Services Directors, representing computing officials from 18 universities, may ask the CRTS, Canada's telecommunications regulator, to exempt educational institutions from the increase, Scianus said. The impact on Ontario universities would be over \$1 million.

Peck said Bell feels charging some customers more than others would be unfair. However, since the increase has caught subscribers off guard, Bell will charge old rates on existing lines for another six months "to give people time to adjust."

Scianus said news of the increase arrived "out of the blue" and came as a big shock across the computing community. Along with U of T numerous firms in the business of providing Internet access long paid the lower rate, he said. Such companies rent phone lines from Bell, using them to connect dial-up subscribers to the Net.

Unite, Fight Cuts

- Continued from Page 1 -

publications assistant in the Department of Electrical & Computer Engineering, said she felt she had a responsibility to attend the rally. "Education is so important, it's the future of our province," Grant said. "How can we train young people to be on the leading edge of technology if we don't provide funding to universities and colleges? The cuts

would be the stupidest thing Harris has ever done."

Faculty association president Bill Graham, who told rally participants not to let the government make cuts so it can "divide the spoils among the few," said in an interview there is much more individuals can do against the funding reductions. "We need to build a coalition to take back the province from the forces of greed."

The U of T Bookstore
SERIES

Who ever said readings are dull?

Mister Sandman
(is) "one of those rare novels that gives sex its true prominent place in life."

A Fine Balance
is a richly textured novel which sweeps the reader up into its special world.

Rohinton Mistry
A Fine Balance

Lewis Nordan
The Sharpshooter Blues

Gil Adamson • A Taddle Creek reading of short stories
Help Me, Jacques Cousteau
Mary Borsky
Influence of the Moon

Nov. 21st 7:30 pm (free) The Rivoli 332 Queen St. W.

Nov. 23rd 7:30 pm (free)
George Ignatieff Theatre
15 Devonshire Place
• 1 block E/ St. George St/Bloor

Hazelle Palmer *Tales From The Gardens and Beyond*
Rabindranath Maharaj *The Interloper*
Nov. 29th 7:30 pm (free) Hart House (Arbours Room Pub)

Barbara Gowdy
Mister Sandman

Nov. 20th 7:30 pm
Hart House Theatre 7 Hart House Circle
(U of T Downtown Campus)
Tickets: \$5 / \$3 students & seniors
Box Office 978-8668

K.D. Miller
A Litany in Time of Plague
Elise Levine
Driving Men Mad

John Bentley Mays
In the Jaws of the Black Dog: A Memoir of Depression

WRITINGS An evening of stories sponsored by the Hart House Library Committee

In this courageous memoir, John Bentley Mays gives us a riveting account of what it is to live in the shadow of debilitating depression.

U of T Bookstore 214 College St. Mon-Fri 9-6 Sat 10-5 Sun 12-5 Series information 978-7989

Hospital Restructuring Could Harm Programs, Says University

BY MICHELLE NOBLE

PROPOSED HOSPITAL CLOSURES and mergers currently being explored by the Metropolitan Toronto District Health Council could jeopardize some of U of T's health sciences academic programs.

In a response to the council's report, health sciences officials at the University have outlined serious concerns over the future of teaching and research. Recommendations to drastically change Women's College, Wellesley and Toronto Hospitals are a particularly worrisome. The response was prepared by the deans of the Faculties

of Dentistry, Medicine, Nursing, Pharmacy and Social Work as well as the director of the School of Physical & Health Education and departmental chairs in medicine.

The council is consulting widely before submitting its final recommendations to the minister of health at the end of November.

U of T cannot support the proposed closure of The Toronto Hospital (Western Division), the response says. The health council has recommended moving programs and services to The Toronto Hospital (General Division), Princess Margaret Hospital and Mount Sinai

Hospital. "It is unlikely that the educational programs of the health science faculties at the Western Division can be transferred to the University Avenue hospitals without great expense," U of T says. "It is extremely unlikely that the research programs can be relocated to the University Avenue Hospitals."

The University also has deep reservations over the recommended merger of Women's College Hospital and the Sunnybrook Health Science Centre at the Sunnybrook site. The focus on women's health, and particularly the new Centre for Research in Women's Health, would be adversely affected, the response says. The best way to safeguard the integrity of women's clinical programs and ensure the continued involvement of volunteers is to maintain governance of women's health programs by the Women's College Hospital Board.

The proposed merger of Wellesley and St. Michael's Hospitals and the conversion of the Wellesley to an ambulatory care centre is another concern. U of T is worried about the loss of unique clinical and research programs at the Wellesley relating to inner city health and the care of HIV/AIDS patients.

In late September a sub-committee of the district health council examining the future of hospital services released its report which recommended consolidating the activities and services of the University's teaching hospitals, establishing a new rehabilitation teaching and research centre and reducing the overall number of hospitals and beds in Metro.

Mediators' Time Jeopardized: Stamp

PEOPLE WHO VOLUNTEER AS mediators in sexual harassment complaints should be able to do so during working hours, says Paddy Stamp, sexual harassment officer.

Stamp presented the annual report of her office to University Affairs Board on Nov. 7 and flagged one concern: "How long can we rely on employees to volunteer in mediation?" she asked. "I expect that soon people won't have the time."

In an interview Stamp said she is trying to draw attention to the fact that massive budget cuts will make people's jobs more difficult and leave them less time and energy to assume volunteer duties. The best solution, she suggested, would be to acknowledge mediation as a job responsibility.

At the moment a pool of 11 mediators is available to assist in resolving sexual harassment complaints. Hand-picked and trained by Stamp, the mediators must be skilled and understand the complicated nature of their assignment. At an institution like U of T, mediation is not simply a matter of having the two sides agree, Stamp explained. The outcome must also meet the requirements of the sexual harassment policy.

Mediators are called upon when the sexual harassment officer is unable to resolve a matter. The fact that no complaint has proceeded to a formal hearing in the past five years indicates the value of mediation and the quality of the mediators, Stamp noted.



The central staircase in the atrium of the Fields Institute is surrounded by three levels of office and classroom space.

ROB ALLEN

NEW MATH CENTRE WAY OF FUTURE

Partnerships are necessary for innovation

BY SUZANNE SOTO

IF ONTARIO UNIVERSITIES ARE TO sustain their excellence in difficult financial times, they must form more innovative partnerships like the one that led to the new home of the Fields Institute for Research in Mathematical Sciences, Provost Adel Sedra said at the Fields' official opening Nov. 17.

"This project demonstrates the value of collaboration among Ontario universities," Sedra told an audience that included John Snobelen, minister of education and training; Nigel Lloyd, director-general of the Natural Sciences & Engineering Research Council; and Arthur Carty, president of the National Research Council.

"Such collaboration will become essential in many other areas of universities' activities and the University of Toronto will be actively pursuing further partnerships of this sort," added Sedra. He urged the government to continue funding research-intensive universities in Ontario.

Snobelen commended the institute's three sponsoring partners — McMaster University, U of T and the University of Waterloo — for making the new, \$7.4 million head-quarters a reality. "It takes commitment and tenacity to come together, generate ideas and visions and hard work to refine those ideas and visions," Snobelen said. "The tangible result is all around us today. The breakthroughs in mathematics and related sciences that will take place here will benefit us all."

The institute, named in honour of distinguished Canadian mathematician

John Charles Fields (1863-1932) and formerly located at the University of Waterloo, conducts and supports leading-edge research in the broad spectrum of the mathematical sciences and its applications. Under the direction of Professor John Chadam of the Department of Mathematics, it brings together scientists from Canada and around the world to collaborate on projects, leading to enhanced graduate and post-doctoral training and increased interaction of university-based research with Canadian industry.

"This new building, provided by U of T, is not only an architectural gem but also an extremely functional space for encouraging the type of research interaction we try to foster," Chadam said in a statement. "It also represents another milestone for the many supporters of the Fields Institute, its transformation from the virtual to the reality. We now are a permanent presence for research in the mathematical sciences in Ontario and in Canada."

Designed by Canadian architect Thomas Payne of Kuwabara Payne McKenna Blumberg Architects, the building at 222 College St. contains 28 offices to accommodate 78 scholars, 100-seat and 30-seat lecture rooms, an outdoor teaching area, the 600-square-foot James Stewart Library, a central atrium and offices for support staff.

The institute is funded by the Ontario Ministry of Education & Training and NSERC and has approximately a dozen other university affiliates from across Canada.

Invest in Future, Say Laureates

SUPPORTING SCIENTIFIC RESEARCH in Canadian universities is a long-term investment in the future, four Nobel laureates said at a media briefing Nov. 16.

The laureates — Rudolph Marcus, George Olah and U of T's John Polanyi, winners in chemistry, and Arthur Schawlow in physics — were at the University to deliver public lectures at Convocation Hall on The Future of Science. More than 1,000 people, some of them high school students, attended the talks, which also marked the first anniversary of the John C. Polanyi Chair in Chemistry.

All the laureates either studied or worked in Canada at some point in their lives but they all, with the exception of Polanyi, pursued their work in the U.S. "The support that's given to basic research in the United States is very reassuring," Marcus said. "If that doesn't happen in Canada, it will be the loser."

Olah, who was a research scientist for Dow Chemical Company in Sarnia, Ontario, in the 1950s and 1960s, said there would be "great difficulty" in Canada in the long run if the government does not support research. The state of basic research is what distinguishes a third-rate country from a developed one, he said. "New industries are based on new science. We are not just spending money;

we are investing in our future."

Polanyi, who stated unequivocally that he would not remain in Canada today if he were starting his research career over, said government unwillingness to invest in basic research and its desire for short-term results are damaging. His sentiments were echoed by the other laureates. "There are so many cases where research for the sake of research has been the basis for developments," said Marcus. "Some of the most dramatic discoveries with far-reaching consequences have come about this way."

Schawlow, whose research led to the development of the laser, pointed out that he never gave any thought to possible applications of his research. "Universities should be doing basic long-range research without the pressure to get results today," he said.

Meanwhile earlier in the day PhD candidate Heather Hinton of the Department of Electrical & Computer Engineering said most of her peers go to the US for a job. What's more, she told reporters attending a seminar on the role of research in Canada's future, they generally do not return. Superior industry support of research in the US and better salaries stand in sharp contrast to the reduced budgets of research granting councils in Canada.

"Students don't feel Canada wants them back and they feel they can do more theoretical and expensive work in the US," Hinton said. "Canada makes it far too easy for us to leave."

One of those who returned is Professor Dwayne Miller of the Departments of Chemistry and Physics, who holds the Lumonics NSERC Chair in Quantum Optics. A native of Manitoba, Miller spent 18 years in the States. He came back to Canada a couple of months ago when his collaboration with Lumonics Inc. of Ottawa had developed to the point where the company was willing to invest in his academic work.

Professor Tak Mak of the Departments of Medical Biophysics and Immunology was recruited by the international pharmaceutical company Amgen to head its research institute in Toronto. However, Dan Billen, general manager of Amgen Canada, said his company did not choose Toronto, it chose Tak Mak. "If Tak Mak was in Brazil, Brazil would have an Amgen research institute," he said.

The US has many advantages for research, Billen said, and in comparison Canada has just two: an educated population and quality of life. "We should be careful not to mess those things up," he said.

WALKING WITH THE WIND

Social work graduate finds a balance between modern and traditional health practices

BY KARINA DAHLIN

THIS WEEK'S CONVOCATION CEREMONIES will honour hundreds of graduates from the Greater Toronto Area and beyond — including one Bedouin from the Negev Desert.

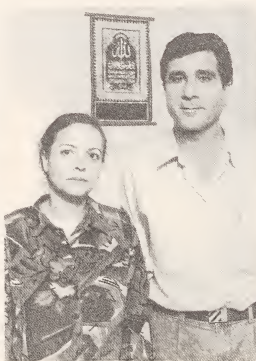
Alean Al-Krenawi is the first Bedouin to receive a PhD from the Faculty of Social Work and the first of his tribe to graduate from U of T. Recently appointed a professor at Ben-Gurion University of the Negev in Israel, he will return to receive his degree Nov. 23.

Last September, two days before returning to Israel, Al-Krenawi took time out from packing to talk about his work. He was adamant that thanks be given to his mentor and friend, Professor Howard Irving, whom he met in Israel and who encouraged him to come to Toronto, and to his thesis supervisor, Professor Ben Shapiro.

Al-Krenawi and his wife Rajaa spent three years in the graduate residence on Charles St. Traditional decorations graced their home but the couple does not follow tradition blindly. Rajaa, a banker by trade, studied at U of T for a year after which she taught Arabic; her husband's studies complete, she hopes to return to university. And Alean, the third son in a family of 15 born into a tradition of patriarchy, is greatly concerned about the lot of women. Although there are plenty of opportunities to study the issue here, he prefers to deal with the role of Bedouin women in his own culture.

Cultural integration is a concept Al-Krenawi has been trying to understand for years. Born to a semi-nomadic tribe of 2,000 in southern Israel, he grew up herding sheep and no one expected him to do otherwise. But he had an appetite for books and enjoyed the culture that education brought.

However, after years of studying and practising western mental health methods, he realized that



Rajaa and Alean Al-Krenawi

he and his colleagues tended to ignore and mock traditional Bedouin methods. Understanding the importance of traditional ways, he turned to his father for advice. "Don't walk against the wind; if you do, you are going to lose," said his father. "You have to walk with the wind cautiously to find a way out."

He remembers the words with affection. "My father had no idea what a social worker does, but he understood my dilemma and I try to follow his advice." On a professional level this means he tries to understand patients in his hospital practice in the context of their own environment and looks for treatments with which they are familiar.

In his dissertation, *A Study of Dual Use of Modern and Traditional Mental Health Systems* by the Bedouin of The Negev, Al-Krenawi examines psychiatrists, psychologists and healers. One-third of the Bedouin patients in Israel he interviewed used both modern and traditional healing methods. The modern healers were Jewish psychiatrists while the traditional healers belonged to one of four groups — dervishes, amulet writers, fortune tellers and healers who treat according to the teachings of the Koran.

He found the psychiatrists tend to treat patients with medication. Unfamiliar with Bedouin culture, language and values, the doctor-patient relationships were formal and diagnoses based on western approaches. In contrast the healers shared their patients' view of the world and established quasi-family relationships with them. Generally Bedouin patients find the modern system helpful in addressing physical health issues, while the traditional system is better suited to address emotional and behavioural aspects of illness, Al-Krenawi concluded. He recommended that mental health practitioners learn more about other cultures' traditional and religious approaches to psychological healing, and he encouraged the joint use of modern methods and traditional methods such as rituals.

The multicultural education that Al-Krenawi received is clearly conducive to noble goals, but he doesn't expect it to make his own life easier. For instance he hopes to teach Bedouin widows a greater sense of self-worth, something their culture traditionally has denied them. Reconciling the values of different cultures will be a daily challenge, he conceded. "But it would be a mistake not to go back," he said, preparing to pack more boxes. "I have to face reality."

Book Sales Help U of T

IN A UNIQUE COLLABORATION, the editor, publisher and writers of *Beyond Imagination: Canadians Write about the Holocaust* will donate proceeds of the sale of the book to the Faculty of Arts & Science to help establish an endowed chair of medieval Jewish studies.

The book's publication was celebrated at a Nov. 13 reception hosted by Chancellor Rose Wolfe at the U of T Bookstore. Editor Jerry Grafshein, publisher Avie Bennett, president of McClelland & Stewart Ltd., several contributing authors and about 200 guests attended.

"*Beyond Imagination* is about the human condition," Grafshein said in an interview before the reception. "It is a probe into the human condition — a flawed condition that requires constant attention."

Grafshein, a Toronto lawyer and member of the Canadian senate, said he decided to support medieval Jewish studies at U of T because the field is of growing interest. U of T is committed to Jewish studies in general and the University possesses two internationally recognized centres for medieval studies.

The authors of the essays include two U of T faculty members — Professor Michael Mannus of the Department of History and Dr. Norman Doidge of the Clarke Institute of Psychiatry, both graduates of U of T — and nine other U of T alumni.

Hart House Activities

Special Events

The Gallery Ball (formerly The Gallery Club) is now open for Ladies (11:30 a.m.-3 p.m.). Students and alumni are welcome. For more information, call 978-2445.

Advent Carol Service on Tuesday, November 28th at 7:30 p.m. in the Great Hall. All welcome. For more information, contact 978-2445.

Chamber Strings Concert - Monday, November 27th at 8 p.m. in the Great Hall.

Christmas Tree Event on Thursday, December 7th at 7:30 p.m. in the Great Hall. For more information, contact 978-5363.

Formal Debate with former Premier Bob Rae on Wednesday, November 22nd at 7:30 p.m. in the Debates Room. All welcome.

Graduate Dinner Series - Wednesday, December 13th at 6 p.m. with guest speaker Brig. General Richard Rohmer (Canadian Military History). For tickets and information, contact 978-2447.

Orchestra Concert - Thursday, November 23rd at 8 p.m. in the Great Hall.

Singers Concert - Friday, December 8th at 8 p.m. in the Great Hall.

Symphonic Band Concert - Sunday, December 3rd at 7:30 p.m. in the Great Hall.

Art

Art Committee's Performance Art Series - Featuring three Latin American artists/actresses Yolanda Vivas, Norma Kincaid & Gisel Sweeten on Tuesday, November 21st at 7:30 p.m. in the Music Room.

The Justina M. Runkle Gallery - West Gallery: Michael Gerny, monographs. East Gallery: Robert Marchessault, paintings. Show runs until December 14th.

Music

Jazz at Oscar's - The Engineering Suite Band performs on Friday, November 24th. The Hart House Jazz Ensemble performs on Friday, December 1st - 8:30 p.m. in the Auditor Room.

Reunions Concert with Gloria Lee (soprano) on Thursday, November 30th in the Music Room.

Sunday Serenades - The Toronto Children's Chorus performs music for the festive season on Sunday 3rd at 3 p.m. in the Great Hall.

Clubs

Small-Form Debate Series - Topic for debate is "Tension in the University Community" on Tuesday, November 28th at 7 p.m. in the Debates Room. Everyone welcome.

Athletics

(For building hours and pool hours, contact 978-2447)

Hart House Farm - Enjoy a day or overnight visit to the Farm or Caldon for a meeting or "social event". Please call the Membership Services Office at 978-2447 to book your reservation.

Christmas/Holiday Hours - Pick-up a schedule of hours that we are open throughout December at the Athletics Reception or Porters' Desk. Guest passes are available for guests of members at the Porters' Desk.

Please Note: The northwest entrance to Athletics from Tower Road is closed for the Winter from November 1st. (This door will be re-opened in the Spring). Please use the main entrance from Hart House Circle.

November is Membership Campaign month. Help strengthen Hart House! Introduce new Senior Members November 1st to 30th. Prizes for the two top point totals of the month.

Details at the Porters' Desk, 978-2442 or Membership Services Office, 978-2447.

HART HOUSE
UNIVERSITY OF TORONTO

Northrop Frye Awards, 1996

Linking teaching and research in all of our educational programs is a central objective of **Planning for 2000**, the White Paper on planning for the University's future. To support this objective, the University of Toronto Alumni Association has joined with the Provost in sponsoring the **Northrop Frye Awards**.

- Five individual prizes (\$2,000) will be awarded to faculty members who demonstrate innovative and exemplary ways of linking teaching and research.
- One divisional prize (\$6,000) will be awarded to a department, faculty or college for extraordinary curriculum innovation aimed at strengthening the link between teaching and research.

The Provost and the UTAA are pleased to invite nominations for these new awards, to be submitted through the nominee's Dean or Chair.

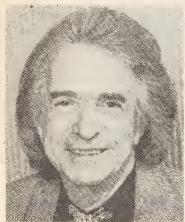
For further information and nomination forms, please call
(416) 978-4258 or (416) 978-6536
E-mail: louise@dur.utoronto.ca

Deadline for 1996 Awards nominations extended to:
5 p.m., Monday, January 8, 1996

HONORARY DEGREES

Film director, politician, philanthropists, sociologist join convocation

U of T will present five honorary degrees at fall convocation. The ceremonies will take place at Convocation Hall at 6 p.m. Nov. 20 to Nov. 23.



ARTHUR HILLER

ARTHUR HILLER IS AS WELL known for his social justice and human rights activities, particularly within the arts, as he is for the films he has directed.

President of the Academy of Motion Picture Arts & Sciences and past president of the Directors Guild of America, Hiller has enjoyed success in a medium that touches and influences millions of lives. He directed such early television programs as Alfred Hitchcock Presents as well as numerous films including *Love Story*, *Man of La Mancha* and *Outrageous Fortune*.

Aside from entertaining and challenging audiences, he has also played a major role in social issues. He has been a founding member and supporter of organizations that defend artists' rights and honour screenwriters whose work emphasizes the highest of human values. He has also supported organizations that work to break down racial and gender barriers in the film business and in the world community. Canadian born and a U of T graduate, he has been a teacher and mentor to film students in Canada and the United States. He will receive his degree Nov. 20.



TEDDY KOLLEK

TEDDY KOLLEK IS A DISTINGUISHED former mayor of Jerusalem, a post he held for almost 30 years. He took office just before the Six Day War reunited the city under Israeli jurisdiction in 1967. By developing and nurturing mutual relationships of trust, friendship and respect, Kollek brought Arabs, Jews and peoples of other faiths together to rebuild one of the most remarkable cities and societies in the world.

Among the numerous public and private projects undertaken under

Kollek's leadership were the creation of the Jerusalem Foundation, which raised money to preserve the city's ancient religious and historical heritage, and the provision of running water and sewers in the old city's Moslem quarter for the first time.

Born in Vienna in 1911, Kollek emigrated to Palestine in 1935. Before and during the Second World War he was active in the rescue of thousands of European Jews. After the creation of the state of Israel in 1948, he served as director general of Prime Minister David Ben Gurion's office. He will be awarded his degree Nov. 21.

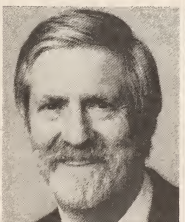


MUHAMMAD YUNUS

MUHAMMAD YUNUS, A professor of economics at Chittagong University in Bangladesh, is founder and managing director of the Grameen (village) Bank of Bangladesh. Known as the "Godfather of Microcredit," he developed an assistance program for the poor which has been emulated throughout North America and the world, notably by Martin Connell's organization Calmeadow in Canada.

Credit is a fundamental human right, Yunus believes, and without it other rights are meaningless for the poor of the world. His bank has helped more than two million of the poorest people in Bangladesh establish their own businesses without the burden of usurious rates charged by moneylenders. Over 90 percent of the bank's borrowers are women and all its customers are without assets. The average loan is \$140 and the recovery rate is an astonishing 98 percent.

Yunus is revered in Bangladesh and has received the highest honours his country can bestow. He will receive his degree Nov. 22.



MARTIN CONNELL

MARTIN CONNELL IS CHAIRMAN of Conwest Exploration Co. Ltd., a Calgary-based resource conglomerate with more than \$600

million in assets. He is being honoured for the way he has chosen to use his wealth and business acumen. A dedicated philanthropist, he helped to found the Imagine campaign in 1988 to raise the awareness and level of giving from corporations and individuals.

In 1983 Connell and his wife Linda Haynes established Calmeadow and endowed it with \$1.3 million of their money. Inspired by the work of Muhammad Yunus' Grameen Bank of Bangladesh, Calmeadow's goal is to encourage economic self-reliance by making loans available to individuals for their small businesses. Calmeadow has established loan funds in Toronto, Vancouver and Nova Scotia.

A non-profit organization, Calmeadow provides intensive technical support to existing micro-credit organizations and actively supports the creation of formal financial institutions serving the rapidly growing micro-enterprise sector in Latin America, Africa and Asia.

Connell has received several honorary degrees and in 1994 was made a member of the Order of Canada and the Order of Ontario. He will receive his degree Nov. 22.



CHARLES TILLY

CHARLES TILLY, ONE OF THE world's leading historical sociologists, has had a profound influence on the understanding of how history is made. His research on the state, the military, social movements and outbreaks of protest and violence in Europe is considered to be a benchmark in the field.

Tilly, a former professor in the Department of Sociology from 1965 to 1969, is currently University Distinguished Professor at the New School for Social Research in New York where he is director of the Center for Studies of Social Change.

Tilly was born in Lombard, Illinois, in 1929. He received an AB magna cum laude in 1950 and a PhD in sociology in 1958, both from Harvard University. He has held teaching appointments at the University of Delaware, Harvard and the University of Michigan. During his tenure at U of T he was largely responsible for initiating doctoral research in sociology.

Tilly has had an extraordinary impact on the understanding of social change. In his research he has spent the last 35 years clarifying the relationship between the rise of capitalism, collective political action and the formation of the European state system. He will be honoured Nov. 23.



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LETTERS



PLANETARIUM IS STAR ATTRACTION

Toronto's McLaughlin Planetarium has been closed by the Royal Ontario Museum, maybe permanently.

The McLaughlin Planetarium opened in the late 1960s and was a popular institution for public education in astronomy. About half of each public show was attended by people who had never been to the planetarium before — I know because during the 10 years I

worked there I asked that question of all of my audiences. In addition, two or three school shows were put on each day for all grades of school children from kindergarten to grade 13. The place comfortably seats about 340 people. No other planetarium in Toronto can deliver public education on this scale.

(The Ontario Science Centre has a tiny planetarium that fits maybe 40 people sitting on the floor.)

The planetarium was also used by the Toronto Centre of the Royal

Astronomical Society of Canada for its bi-weekly meetings and by the Saturday Morning Club, a kind of "day camp" for young children to learn about all the things going on at the ROM. Music and laser light shows provided another popular entertainment attraction. The planetarium employed about 15 full-time people and about 20 part-time workers, some of whom are full-time students at the University of Toronto.

In my opinion closing Toronto's

only major planetarium is a grave mistake. Public science education, especially for children, is a vital part of any modern society.

Closing down the only avenue to the stars that most Toronto children will ever have is tragic. This is one of the few places where we can teach children (and adults!) that science is fun and wondrous.

I urge readers to write a letter of protest to John McNeill, director of the planetarium, or to call him at 586-5639.

WAYNE HAYES
DEPARTMENT OF COMPUTER
SCIENCE

LETTERS DEADLINES

DECEMBER 1 FOR DECEMBER 11
DECEMBER 15 FOR JANUARY 8
Letters should be submitted on a computer disk in WordPerfect or plain text format, or on paper, typed and double spaced. They can also be sent by e-mail to karinad@dur.utoronto.ca.

BOOKS



The following are books by U of T staff. Where there is multiple authorship or editorship, staff are indicated by an asterisk.

October

An Unnecessary Man: The Life of Apollon Grigor'ev, by Wayne Dowler (University of Toronto Press; 290 pages; \$55). With the collapse of the Soviet Union, Russians have turned to their past to discover alternative intellectual traditions to those of revolution and socialism. Apollon Grigor'ev, one of the most influential literary critics and thinkers of 19th-century Russia, was at the forefront of the conservative anti-revolutionary movement in the mid-1800s. This biography in addition to treating Grigor'ev's life and work summarizes his major critical attacks, providing a comprehensive introduction to this important thinker.

Catching up

Learning the Hard Way: Part-time Degree Students and the University of Toronto, by Deanne Fisher (Association of Part-time Undergraduate Students; 100 pages; \$23.95). Lifelong learning and higher education are more important than ever to the economic success of our country and this book explores some of the ways universities have attempted, and in many cases failed, to accommodate mature students. It also contrasts the hopes of those who supported the integration of part-time and full-time students 25 years ago with the realities of today, concentrating on issues such as admissions standards, financial aid, child care and course selection.

Using English Words, by David Corson (Kluwer Academic Publishers; 226 pages; \$120 US cloth, \$50 US paper). The book examines the impact that the life histories of people can have on their vocabulary. It shows how discursive relations outside education position people through their vocabularies. Some are prepared for easy entry into lifetime prospects of privilege and

educational success while others are denied entry. While drawing on theory and research from discursive psychology and the sociology of language, this study integrates a wide range of international work from various disciplines including linguistics, psycholinguistics, foreign language studies, history, classics and anthropology.

Russian Literature, 1988-1994: The End of an Era, by N.N. Shneidman (University of Toronto Press; 256 pages; \$45 cloth, \$19.95 paper). The collapse of the Soviet Union brought about radical changes in the Russian literary world. This book examines these changes, focusing on the current Russian literary scene. Beginning with a general overview of the political, intellectual and social atmosphere in the country and its effect on artistic creativity, this book provides a survey of the period's literature.

Political Philosophy and the Human Soul: Essays in Memory of Allan Bloom, edited by Michael Palmer and Thomas L. Pangle* (Rowan & Littlefield; 320 pages; \$34.95 US). On the 65th anniversary of the late Allan Bloom's birth, a distinguished group of his former students honour his memory in a book that includes essays on Homer, the Bible, Plato, Machiavelli, Cervantes, Lessing, Tocqueville, Flaubert and Leo Strauss; it also contains a previously unpublished essay on Isocrates by Bloom.

Slavery in Early Medieval England from the Reign of Alfred until the Twelfth Century, by David A.E. Pelteret* (Boydell & Brewer Ltd; 390 pages; \$81 US). Slaves were part of the fabric of English society throughout the Anglo-Saxon era and the 12th century but as the base of the social pyramid, they left no known written records. However, there are extensive references to them throughout the documents and writings of the period and this study seeks to assemble the evidence, drawn

from a variety of sources in Old English and Latin, to convey a picture of slaves and slavery in England. Among other things, it shows who they were and how they came to be enslaved, their rights and obligations and how they were freed and the nature of such freedom.

A Century of Radiology in Toronto, by Edward Shorter (Wall & Emerson, Inc; 176 pages; \$22.50). The book traces the history of academic radiology in Toronto from its first establishment in 1896 to the present. Centred initially at the Toronto General Hospital and the

Hospital for Sick Children, training in radiology spread ultimately to eight different teaching hospitals. At the same time the discipline had to cope with overwhelming technological change and with the challenge of forging disparate hospital programs into a central university program.

ON THE OTHER HAND

B Y N I C H O L A S P A S H L E Y

ANTICIPATING DAME EDNA

CHANNEL-HOPPING RECENTLY, I encountered an odd television program on which Dame Edna Everage makes a member of her studio audience squirm while a camera crew rifles through her house. Golly, I thought, what would they find at Pashley Towers? Apart from anything else — those odd 45s, the beer bottle collection, the kitty litter boxes — what embarrassing reading material might Dame Edna find?

Readers of this publication are known to be hipper than the average citizen so I hardly need tell you that periodicals are all the rage. We are judged today by the magazines we read.

(I can testify that magazine sales are up at your campus bookstore, but even we couldn't move a magazine about turkey shooting that came our way last year. The gist of the magazine was to demonstrate that the only critter dumber than the turkey is the fellow who spends hundreds of dollars on camouflage in an attempt to outsmart one.)

So what are we reading? Studies show that roughly 98 percent of intelligent Torontonians devour *The Bulletin* along with "something else for sports coverage." (And yes, we take very seriously your cards and letters begging for even more comprehensive sports news in these pages.)

Anticipating Dame Edna's visit I've done a quick inventory at home. I found a raft of old *Private Eyes*, a few *Spectators*, a couple of *New Yorkers* and the most recent edition of *Outreach Connection* I bought from the man who stands outside the Dupont St. liquor store on Saturdays. Here's the current issue of *Animaltalk*, the official publication of the Toronto Humane Society, and a back issue or two of *Rambling Today*, the lively magazine of the Ramblers Association of Britain. Look hard enough and you might find *The Annex Gleaner* (I don't even live in the Annex) or *mondo bunkamooga*, the local literary small press broadsheet.



Fine, I hear you say, but what if we delve a little deeper? Well, here's an odd little trend. Along with multiple issues of *What's Brewing*, the official organ of Britain's Campaign for Real Ale, I also find copies of *Midwest Beer News* and *Beer and Tavern Chronicle*.

I mention this to illustrate that I — like most people — have some offbeat reading habits and I'm not ashamed to say so. I'll bet you've got a magazine or two tucked away

per try to hide from Dame Edna's audience. But even I — and maybe you as well — draw the line somewhere. I have before me — and torture would not induce me to name the person who sent me this — the September/October issue of *Sheep News*. Now, you won't find *Sheep News* at your campus bookstore, unless perhaps your campus is the University of Guelph. No, if you want *Sheep News* you're going to have to subscribe. Or go to one of those shabby places on Yonge St. Until *Sheep News* I'd never read a headline like Predator Survey Results Are In! None of the predators in my life are mentioned; maybe I should get out of the city more often. The clincher is a story entitled Shepherd of the Year.

Step forward, Florence Pullen of Huron County. "Florence was born into the sheep industry and has remained there since." This backs up my theory that great shepherds are born, not made. The proud owner of 130 breeding ewes, it's safe to say that Florence has a little lamb and then some.

We live in a nation of two solitudes, you will be alarmed to learn. I once heard a man say, very seriously, "I place a good deal of store by what I read in *Ontario Fisherman*." Here in the city we readers of *Wired* and *Vanity Fair* (not to mention *Beer and Tavern Chronicle*) are wise to reflect on our rustic brothers and sisters, who like nothing better than to curl up with the latest *Sheep News*. They probably think we're sick too.

CLASSIFIED

A classified ad costs \$15 for up to 35 words and \$.50 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word. No charge for postal code. A cheque or money order payable to University of Toronto must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to Nancy Bush, Department of Public Affairs, 21 King's College Circle, 2nd Fl., Toronto, Ontario M5S 1A1. Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope. For more information please call: 978-2106.

ACCOMMODATION RENTALS AVAILABLE —METRO & AREA—

Sabbatical rental January-July 1996. Professor's furnished house (lower half of a duplex), quiet street 5-minute walk from High Park subway station. 3 bedrooms, sun-porch, study, laundry, garage. No pets, non-smokers. Heat included. \$1,200/month + utilities. E-mail: mwnink@alchemy.chem.utoronto.ca; tel: (416) 978-6495 or 769-2916; fax: 978-0541.

Sabbatical rental, January-July 1996. Professor's furnished house, quiet tree-lined street, High Park area, near transit (30 min. to U of T), shopping, 2 bedrooms & study/nursery, laundry, garden. Garage negotiable. No pets, non-smokers. (416) 769-9291.

Sabbatical rental — Toronto: January-July 1996. Large, fully furnished one-bedroom apartment (includes office and dining areas) in high-rise security building. Exceptional view, central location in desirable area, close to subway. Rent: \$901. Call: (416) 367-3916 or e-mail: kellohugh@yorku.ca

Out-of-town commutes: pied-à-terre in Toronto. Furnished room in house on quiet, tree-lined street. 2-4 nights per week. 15 minutes from U of T. Non-smokers. (416) 534-1566.

Short- or long-term apartment. Annex — one bedroom, fully equipped, immaculate, quiet, smoke- and pet-free. 5 appliances, parking. \$300 per week. Walk to U of T. Available immediately. (416) 967-5474.

Sabbatical rental — Toronto, January 1 — August 31. At Yonge and Eglinton. Large fully furnished and equipped, one-bedroom apartment. Six appliances, CAC, central vac. Access to outdoor patio, indoor swimming pool, whirlpool and sauna. 24-hour security. Suit 1 or couple. Non-smokers. No pets. \$1,100 + utilities (negotiable). Indoor parking available. E-mail: niabrie@oise.on.ca; phone: (416) 488-8212

Annex. Charming, quiet, furnished, 1-bedroom duplex, January 1 — March 31, 1996. Close to U of T, subway, shopping, restaurants. Washer/dryer, parking, \$1,000 + utilities. Call (416) 530-0324.

Harbord/Grace. 2-bedroom, second and third floors of house, skylight, suit couple. \$880 inclusive, December 1 (preferable) or January 1. (416) 537-1065.

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Wychwood area furnished detached house: spacious, elegant, 4 bedrooms, sun-room, centre-hall plan, 1½ bathrooms, eat-in kitchen, laundry, garden, parking. Residential quiet street, near park, transit, shopping. January 1. \$1,900 + utilities. (416) 656-7775, (416) 235-5768.

One-bedroom apartment, furnished, central, subway (St. Clair), January 3 — March 3, or longer. First and last month on acceptance. \$950 inclusive. 967-3331.

House, \$1,200 plus utilities, minimum year lease. Parking, subway, Woodbine/Danforth. 36 2 rooms, unfurnished, \$300 and \$350, suitable female professional, quiet student, clean. No smoking. Tel. 973-3121, 425-1472.

Executive condo. 1-bedroom, furnished. Excellent location to University (5-minute

walk), Bay & St. Joseph. Recreational facilities: gym, sauna, pool, whirlpool, table tennis. Parking available. Very reasonable. Contact Margaret, dais (416) 591-5547, evenings (905) 485-0635.

Steps to campus — Roberts Library. Large studio apartment in newly renovated Victorian house. Very bright, fire-place, hardwood floors, cable TV. Could be furnished. All inclusive, monthly rent \$750. First and last month, references required. Available January 1, 1996. For appointment please call 971-6094.

ACCOMMODATION RENTALS REQUIRED

House-sitting available December 9 — January 7 while daughter at National Ballet. 2 adults, 2 children. Non-smokers. (403) 435-3434, (403) 991-2439, (403) 438-2664.

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Shared house on Lake Ontario 15 minutes from downtown, west of Royal York. Beautiful, quiet beach-front English cottage environment. Two furnished/unfurnished rooms, sharing all other areas with professional/woman. Full services/facilities: cable, laundry, security, parking, storage, landscaped yards, private beach, decks, etc. Minutes walking from all personal needs: TTC, tennis courts, park, stores. Available January 1. Call/fax (416) 255-7414.

Condominium in trendy Annex. Spacious, fully furnished bedroom, own bathroom. Close to Bloor's shops, subway, \$800 (negotiable) plus parking. Suit working professional/academic. Non-smoker. No pets. Includes utilities, laundry, concierge. Immediately, 3-9 months. (416) 921-1236, 515-8600

ACCOMMODATION OVERSEAS

Sabbatical in Avignon. Restored ancient farmhouse on a hill overlooking Provencal valley, marvellous views; secluded hamlet, not isolated; 800 metres to village schoolhouse; 4 bedrooms; two baths (one en suite); double living-room; central heat, fully equipped, heated swimming pool (separate from house, can be closed down if not needed); September 1 — June 30, \$1,475 per month (includes pool maintenance). 978-8837, 928-0122.

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Psychanalytic psychotherapy for relationship problems, anxiety, depression, etc. Individuals or couples. Extended benefits cover U of T staff. For a consultation call Dr. Gale Bilfield, Registered Psychologist, 114 Mattland Street (Wellesley & Jarvis), 972-6789.

Violet Head, Registered Psychologist. Individual, family and group psychotherapy. Work with other cultures, women's issues, addictions, depression, etc. U of T staff health benefits cover cost. 200 St. Clair Ave. W., Suite 404, Toronto M4V 1R1. 922-7260.

Individual psychotherapy for adults. Evening hours available. Extended benefits coverage for U of T staff. Dr. Paula Gardner, Registered Psychologist, 114 Mattland Street (Wellesley & Jarvis), 469-6317.

Individual cognitive behavioural psychotherapy. Practice focussing on eating disorders, depression, anxiety and women's issues. U of T staff extended health care benefits provide full coverage. Dr. Janet Clewes, Registered Psychologist, 183 St. Clair Avenue West (St. Clair and Avenue Road), 929-3084.

Dr. Jeffrey Price, Registered Psychologist, offers individual and couple therapy, vocational and psycho-educational assessments and career counselling. Day or evening appointments. Extended health care benefits for U of T staff provide full coverage for most psychological services. 779 Spadina Road. 787-9335.

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Dr. Daniel Fitzgerald, Registered Psychologist, 82 Charles Street East, Toronto (near St. George campus). (416) 944-0144.

Psychologist providing individual, group and couple therapy. Personal and relationship issues. U of T extended health plan covers psychological services. For a consultation call Dr. Heather A. White, 535-9432, 140 Albany Avenue (Bathurst/Bloor).

Individual & couple therapy. Brief or long-term therapy available. Special interest in women's issues. Extended health care benefits cover cost for U of T staff. Dr. Linda Winter, Registered Psychologist, 2014A Queen St. East. 691-1071.

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EVENTS



LECTURES

"People aren't supposed to write in our books": The Vicious Habit of Marginalizing.

WEDNESDAY, NOVEMBER 22
Prof. Heather Jackson, Department of English, Alumni Hall, Victoria College. 4:10 p.m. *Toronto Centre for the Book and Friends of the Victoria University Library*

The 13th-Century Cistercian Monastery of Zaraka, Greece.

WEDNESDAY, NOVEMBER 22
Prof. Sheila Campbell, Pontifical Institute of Medieval Studies; Crusader Art: The Meeting of East and West series. Alumni Hall, 121 St. Joseph St. 8 p.m. PIMS

Education:

Looking Towards 2000.

THURSDAY, NOVEMBER 23
Principal Robert McNutt, Erindale College; Canadian Perspectives series. Council Chamber, South Building, Erindale College. 10 a.m. Tickets \$7. *Associates of Erindale*

Black and White? Viewing Cleopatra in 1862.

THURSDAY, NOVEMBER 23
Mary Hamer, Harvard University, and Clare Hall, University of Cambridge. Music Room, Wymouth, Victoria College. 4:15 p.m. *Literary Studies, Women's Studies, English and Fine Art History*

Dancing with Whales: New Concepts in Human-Animal Communication.

FRIDAY, NOVEMBER 24
Peter Beamish, whale researcher and author, with slides and video of the Great Whales. Convocation Hall. 7:30 p.m. Tickets \$10, children 12 and under \$5. Information: 978-7026. *McLuhan Program*

The Notion of Trustworthiness (apta) in Jain Philosophy.

SATURDAY, NOVEMBER 25
Jayandra Soni, Philipps-Marburg University, Germany. 205 Claude T. Bissell Building, 140 St. George St. 5 p.m. *South Asian Studies*

Forensic DNA Analysis — Pitfalls and Promises.

SUNDAY, NOVEMBER 26
Pamela Newall, Centre for Forensic Sciences, Toronto. Auditorium, Medical Sciences Building. 3 p.m. *Royal Canadian Institute*

Large-Scale DNA Sequencing: From Worms to Humans.

MONDAY, NOVEMBER 27
Prof. Robert H. Waterson, Washington University School of Medicine. Room 213, College Wing Lecture Theatre, Toronto Hospital. 4 p.m. *Toronto Hospital Research Institute*

Genetics of Antibiotic Resistance, TetM and TetQ in Adult Periodontitis.

MONDAY, NOVEMBER 27
Dr. Jean-Michel Lacroix, Toronto Hospital, Room 171, 124 Edward St. 5 to 6:30 p.m. *Dentistry*

The Transition from Education to the Labour Market in a Comparative Perspective: Germany, Great Britain, USA and Canada.

TUESDAY, NOVEMBER 28
Prof. Walter R. Heinz, visiting Centre for International Studies, Convocation Room, Trinity College. 4:30 p.m. *International Studies*

Excavations of a 13th-Century Cistercian Monastery in Zaraka, Greece.

WEDNESDAY, NOVEMBER 29
Prof. Sheila Campbell, Pontifical Institute of Medieval Studies. 323 Victoria College. 7 p.m. *Society for Mediterranean Studies*

Language Treatment for Aphasia.

THURSDAY, NOVEMBER 30
Elizabeth Rochon, Baycrest Centre for Geriatric Care. 24 Tava Neuroscience Building, 12 noon. *Clarke Institute of Psychiatry*

Canada's High Tech Industry.

THURSDAY, NOVEMBER 30
Prof. Wesley Wark, International Relations Program. Lecture room, McLaughlin Planetarium. 7:30 p.m. *Canadian Science Writers' Association*

Breaking the Language Barrier: Egyptians in Canada.

FRIDAY, DECEMBER 1
James Hoch, Department of Near Eastern Studies. Lecture room, McLaughlin Planetarium. 8 p.m. *Society for the Study of Egyptian Antiquities*

Women in Higher Education in Kenya: Contradictions and Dilemmas.

MONDAY, DECEMBER 4
Margaret Njoki Kamau, Ontario Institute for Studies in Education; Popular Feminism series. Boardroom, 12th floor, 252 Bloor St. W. 8 p.m. *Women's Studies in Education, OISE*

COLLOQUIA

Green Thunderstorms.

THURSDAY, NOVEMBER 23
Prof. Craig F. Bohren, Pennsylvania State University. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

The Development of Ruthenium Iodoalkane Systems for Possible Use in ¹⁸F Alkylation Reactions.

FRIDAY, NOVEMBER 24
Prof. John Powell, Department of Chemistry. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*

Methodological Issues in the History of 20th-Century Mathematics.

WEDNESDAY, NOVEMBER 29
Kurt Ramskov, Institute for the History & Philosophy of Science & Technology. 323 Victoria College. 4 p.m. *IHPST*

From a Practical Point of View: Kant's Conception of a Postulate of Practical Reason.

THURSDAY, NOVEMBER 30
Prof. Paul Guyer, University of Pennsylvania. 179 University College. 4 p.m. *Philosophy*

Very Early Canadian Electron Microscopists and Their Microscopy.

THURSDAY, NOVEMBER 30
John H.L. Watson, emeritus researcher, Edsall Ford Research Institute. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

A 21st-Century Course in 20th-Century Physics.

THURSDAY, DECEMBER 7
Prof. Bernice Durand, University of Wisconsin. 102 McLennan Physical Laboratories. 4:10 p.m. *Physics*

Topology of Polymers.

FRIDAY, DECEMBER 8
Prof. Stuart Whittington, Department of Chemistry. 158 Lash Miller Chemical Laboratories. 3:30 p.m. *Chemistry*



SEMINARS

Image Analysis and Its Application to Fibre Composites.

WEDNESDAY, NOVEMBER 22
Prof. Steven Yurgartis, Clarkson University. 219 Wallberg Building. 12:30 p.m. *Chemical Engineering & Applied Chemistry*

Limits to Growth: Natural & Social.

WEDNESDAY, NOVEMBER 22
Prof. Em. James Lemon, Taylor/Robertson series. 2125 Sidney Smith Hall. 4 to 6 p.m. *Geography*

The Sulphur Cycle: A Thread through Atmospheric Change Issues.

THURSDAY, NOVEMBER 23
Doug Whelpdale, Atmospheric Environment Service. 2093 Earth Sciences Centre. 4 p.m. *IES*

Predicting and Modifying Invertebrate Assemblages in Rivers.

FRIDAY, NOVEMBER 24
Prof. Lynda Corkum, University of Windsor. 3127 South Building, Erindale College. 12 noon. *Erindale Biology*

Canada and Quebec after the Referendum.

FRIDAY, NOVEMBER 24
Round-table discussion. Chair: Prof. Franklin Griffiths, Department of Political Science; participants: Profs. Julie Bernier, David Cameron and Nelson Wiseman, Department of Political Science; Whither the Liberal State? series. 3050 Sidney Smith Hall. 2 to 4 p.m. *Political Science*

From Imitation to Imagination: Episodes in the History of Aesthetics.

FRIDAY, NOVEMBER 24
Prof. Elizabeth Asmis, University of Chicago. 256 University College. 3:10 p.m. *Classics*

Psychiatry in Vienna at the Turn of the Century.

FRIDAY, NOVEMBER 24
Prof. H. E. Gabor, University of Vienna. Goethe-Institut, 1067 Vienna St. 7 to 9 p.m. *History of Medicine and Goethe-Institut*

Worker Adjustment to the Global Economy: Trade and Industrial Relations.

MONDAY, NOVEMBER 27
Prof. Oliver Clark, Michigan State University. Room 205, 121 St. George St. 1:30 p.m.

Market Attitudes and Politics in Post-Communist States.

THURSDAY, NOVEMBER 30
Prof. David Mason, Butler University. 14352 Roberts Library. 3 to 5 p.m. *CREESS*

Environmental Gradient as Corridors for Fish Migration and Population Interaction.

FRIDAY, DECEMBER 1
Prof. Doran Mason, University of Wisconsin at Madison. 3127 South Building, Erindale College. 12 noon. *Erindale Biology*

Aboriginal Policy: The Search for and Impediments to a Solution.

FRIDAY, DECEMBER 1
Prof. Alan Cairns, University of British Columbia; Whither the Liberal State? series. 3050 Sidney Smith Hall. 2 to 4 p.m. *Political Science*

Molecular Basis of Signal Transduction in Guard Cells and Plant Potassium Nutrition.

FRIDAY, DECEMBER 1
Prof. Julian Schroeder, San Diego State University. B142 Earth Sciences Building. 3:30 p.m. *Botany*

Polymer Surfaces and Separation Processes.

WEDNESDAY, NOVEMBER 26
Prof. Yoram Cohen, University of California at Los Angeles. 219 Wallberg Building. 12:30 p.m. *Chemical Engineering & Applied Chemistry*

Ukraine and Russia: The Burden of Historical Tradition and Contemporary Realities.

THURSDAY, DECEMBER 7
Iaroslav Iasychuk, International Association of Ukrainian Studies. 14352 Roberts Library. 3 p.m. *CREESS*

Selection for and against Signalling in Male Crickets: Influence of an Acoustically Orienting Parasitoid.

FRIDAY, DECEMBER 8
Prof. Anne-Marie Murray, Brock University. 3127 South Building, Erindale College. 12 noon. *Erindale Biology*

The NDP in Ontario: A Retrospective.

FRIDAY, DECEMBER 8
Pam Davidson, Chuck Rachis, former director of policy and issues; Michael Mendelson, former deputy secretary to cabinet; Prof. David Cameron, Department of Political Science; and Prof. David Wolfe, Department of Political Science. 3050 Sidney Smith Hall. 2 to 4 p.m. *Political Science*

A New Aristocratic Text from the Reign of Trajan.

FRIDAY, DECEMBER 8
Prof. Alexander Jones, Department of Classics. 256 University College. 3:10 p.m. *Classics*



MEETINGS & CONFERENCES

Conservation of Northern Forests: Responsible Stewardship for the Future.

MONDAY, NOVEMBER 27 TO FRIDAY, DECEMBER 1
All sessions in Hart House Theatre.

MONDAY, NOVEMBER 27
Session 1: Global Perspectives on the Future of Forested Lands. 9:30 to 12 noon. Session 2: Habitat Management for Wildlife and Biodiversity and the Future of Preserved Areas. 1:30 to 5 p.m.

TUESDAY, NOVEMBER 28
Session 3: Appropriate Cutting Practices.

9 a.m. to 12 noon. Session 4: Rehabilitation and Reclamation of Degraded Forest Systems. 1:30 to 5 p.m.

WEDNESDAY, NOVEMBER 29
Session 5: New Practices, Products and Certification for Sustainable Forest and Forest Conservation. 9 a.m. to 12 noon.

Session 6: Forest Conservation and the Profession of Forestry and Training of Forestry Workers. 1:30 to 5 p.m.

THURSDAY, NOVEMBER 30
Session 7: Forest Conservation in Urban Environments. 9 a.m. to 12 noon. Session 8: Forest Communities and Community Forests. 1:30 to 5 p.m.

FRIDAY, DECEMBER 1
Session 9: Government and Private Sector Institutional Frameworks for Forestry Management. 9 a.m. to 12 noon.

Session 10: The Environmental Movement and the Forest Industry. 130 to 5 p.m. Registration fee: full conference \$325, students \$165; individual sessions \$35, students \$20. Information: 978-5750; fax: 978-3834; e-mail: info-conf@larsa. forestry.utoronto.ca

Business Board.

MONDAY, DECEMBER 27
Council Chamber, Simcoe Hall. 5 p.m.

Planning & Budget Committee.

TUESDAY, NOVEMBER 28
Council Chamber, Simcoe Hall. 5 p.m.

Committee on Academic Policy & Programs.

WEDNESDAY, NOVEMBER 29
Council Chamber, Simcoe Hall. 4:10 p.m.



MUSIC

TRINITY COLLEGE

Choral Evensong.

WEDNESDAY, NOVEMBER 22 TO DECEMBER 6
Trinity College Chapel Choir; Robert Hunter Bell, director. Trinity College Chapel. 5:30 p.m.

The Assembly of Voices.

SUNDAY, NOVEMBER 26
Ensemble of young professionals perform Bach's Cantatas #1, 62 and 70; Chrys Bentley, guest conductor. Trinity College Chapel. 3 p.m. Tickets \$10, students and seniors \$8; (416) 537-5183.

FACULTY OF MUSIC

EDWARD JOHNSON BUILDING

Jazz Ensembles.

WEDNESDAY, NOVEMBER 22
Terry Promanc and Dirk MacDonald, directors. Walter Hall. 8 p.m.

Percussion Ensemble.

FRIDAY, NOVEMBER 24
Robin Engleman, director. Walter Hall. 8 p.m.

Women's Chorus.

SATURDAY, NOVEMBER 25
Christmas program; James Pihom, conductor. Walter Hall. 8 p.m. Tickets \$5.

Faculty Artist Series.

MONDAY, NOVEMBER 27
The Meridian Ensemble with Keith Atkinson, oboe; Amy Hamilton, flute; Kent McWilliams, piano; and guest Thomas Wiebe, cello. Walter Hall. 8 p.m. Tickets \$15, students and seniors \$10.

EVENTS

Jazz Orchestra.

WEDNESDAY, NOVEMBER 29
10 O'clock and 11 O'clock jazz orchestras. Paul Read and Phil Nimmons, directors. Walter Hall. 8 p.m.

Thursday Noon Series.

THURSDAY, NOVEMBER 30
Historical Performance Ensembles. Walter Hall. 12:10 p.m.

THURSDAY, DECEMBER 7
Student String Ensembles. Walter Hall. 12:10 p.m.

Guitar Orchestra.

TUESDAY, DECEMBER 5
Eli Kassner, director. Walter Hall. 8 p.m.

Vocal Jazz Ensemble.

WEDNESDAY, DECEMBER 6
John Chalmers, director. Walter Hall. 8 p.m.

Baroque Orchestra.

THURSDAY, DECEMBER 7
Kevin Mallon, director. Walter Hall. 8 p.m.

Operatic Concert.

FRIDAY, DECEMBER 8 AND
SATURDAY, DECEMBER 9
Highlights from the operatic repertoire. Walter Hall. 8 p.m. Tickets \$15, students and seniors \$10.

HART HOUSE

Hart House Orchestra.
THURSDAY, NOVEMBER 23
Fall concert. Great Hall. 8 p.m.

Jazz at Oscar's.

FRIDAY, NOVEMBER 24
The Engineering Skule Band. Arbor Room. 8:30 p.m.

FRIDAY, DECEMBER 1
The Hart House Jazz Ensemble. Arbor Room. 8:30 p.m.

Advent Carol Service.

THURSDAY, NOVEMBER 28
Great Hall. 7:30 p.m.

Noon Hour Concert.

THURSDAY, NOVEMBER 30
Elisa Lee, violin. Music Room. 12 noon.

Sunday Afternoon Concert.

SUNDAY, DECEMBER 3
Toronto Children's Chorus. Great Hall. 3 p.m.

Hart House Symphonic Band.

SUNDAY, DECEMBER 3
Fall concert. Great Hall. 7:30 p.m.

Hart House Singers.

MONDAY, DECEMBER 4
Fall concert. 8 p.m.

SCARBOROUGH COLLEGE

Sunday Serenade.

SUNDAY, DECEMBER 3
Fundraising concert with Scarborough College Chorus. Leonard Whiting, conductor. Meeting Place. 3 p.m.



PLAYS & READINGS

Barbara Gowdy, Lewis Nordan and Rohinton Mistry.
MONDAY, NOVEMBER 20
Barbara Gowdy reading from *Mister Sandman*; Lewis Nordan, from *The Sharp Shiner Blues*; and Rohinton Mistry, from *A Fine Balance*. Unit T Bookstore Reading Series. Hart House Theatre. 7:30 p.m.

Tickets \$5, students and seniors \$3.
U of T Bookstore and CBC Radio 740

Gil Adamson, Mary Borsky,
K.D. Miller and Elise Levine.

TUESDAY, NOVEMBER 21
Writers read from new books from Porcupine's Quill; U of T Bookstore Reading Series. The Rivoli, 332 Queen St. W. 7:30 p.m. U of T Bookstore and CBC Radio 740

The Rimers of Eldrich.

WEDNESDAY, NOVEMBER 22 TO
SATURDAY, NOVEMBER 25; AND
THURSDAY, NOVEMBER 30 TO
SATURDAY, DECEMBER 2
By Landford Wilson; directed by Jim Millan. Erindale Studio Theatre, Erindale College Theatre. Erindale 1995-96 season. Performances at 8 p.m. except Saturday, Dec. 2 at 2 and 8 p.m. Tickets \$10, students and seniors \$7 (Sat. Dec. 2 matinee \$7, students and seniors \$5). Reservations (905) 569-4369.

John Bentley Mays.

THURSDAY, NOVEMBER 23
John Bentley Mays reading from *In the Jaws of the Black Dogs: A Memoir of Depression*, U of T Bookstore Reading series. George Ignatieff Theatre. 7:30 p.m. U of T Bookstore and CBC Radio 740

Tom Wayman.

THURSDAY, NOVEMBER 23
Tom Wayman reading from *Did I Mu Anything? The Astonishing while of the Dead and A Country Not Considered*. Common Room, Massey College. 4 p.m. English

Getting It Straight.

THURSDAY, NOVEMBER 23 TO
SATURDAY, NOVEMBER 25
By Sharon Pollock; directed by Jessica Gardiner. The Studio Theatre, 4 Glen Morris St. Doors open at 7:30 p.m.

An Evening of Apocalyptic Poets.

TUESDAY, NOVEMBER 28
Celebrating the launch of *Postmodern Apocalyptic: Theory and Cultural Practice at the End*, edited by Richard Dellamora, U of T Bookstore Reading Series. The Rivoli, 332 Queen St. W. 7:30 p.m. U of T Bookstore and CBC Radio 740

Writuals.

WEDNESDAY, NOVEMBER 29
An evening of short stories with Hazel Palmer and Rabindranath Mahapatra; U of T Bookstore Reading Series. Arbor Room, Hart House. 7:30 p.m. U of T Bookstore and CBC Radio 740

Josef Skvorecky, Oakland Ross and Jan Novak.

THURSDAY, NOVEMBER 30
Writers reading from recent works U of T Bookstore Reading Series. The Imperial Public Library Pub, 58 Dundas St. E. 7:30 p.m. University of Toronto Bookstore and CBC Radio 740

EXHIBITIONS

ROBERTS LIBRARY
The University of Toronto and the Second World War.

TO NOVEMBER 30
Pictures, uniforms, research, videos; sponsored by Soldiers' Tower Committee. Main Display Area. Hours: Monday to Friday, 8:30 a.m. to 12 midnight; Saturday, 9 a.m. to 10 p.m.; Sunday, 1 to 10 p.m.

SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE
The Life and Work of Peter Sabara.

TO NOVEMBER 30
Architectural projects, furniture and competitions, objects and photographs. SALA

Gallery, 230 College St. Hours: Monday to Friday, 9 a.m. to 5 p.m.

VICTORIA UNIVERSITY The Coleridge Collection.

TO NOVEMBER 30
Exhibition in conjunction with the publication of *Shorter Works and Fragments*, volume 11 in *The Coleridge Works of Samuel Taylor Coleridge*. E.J. Pratt Library, House Monday to Thursday, 9 a.m. to 12 midnight; Friday, 9 a.m. to 6 p.m.; Saturday and Sunday, 1 to 5 p.m.

JUSTINA M. BARNICKE GALLERY HART HOUSE TO DECEMBER 14

Gates of Seicing.
Robert Marchessault, paintings. East Gallery.

Drawing on Memory.

Michael Gerry, recent monotypes. West Gallery. Gallery hours: Monday to Friday, 11 a.m. to 7 p.m.; Saturday and Sunday, 1 to 4 p.m.

THOMAS FISHER RARE BOOK LIBRARY David Jones, Artist and Writer: A Centennial Exhibition.

TO JANUARY 2
A celebration of the 100th anniversary of the birth of David Jones, British artist and writer. Thomas Fisher Rare Book Library. Hours: Monday to Friday, 9 a.m. to 5 p.m.

SCARBOROUGH COLLEGE Fragrant Souvenirs.

NOVEMBER 22 TO DECEMBER 8
Catherine Wild, recent large-scale monotypes. The Gallery. Gallery hours: Monday to Friday, 11 a.m. to 4 p.m.

MISCELLANY

Fine Art Print Sale.

TUESDAY, NOVEMBER 21 TO
THURSDAY, NOVEMBER 23
Scarborough College Fine Art Studio students will be selling their work to raise money for the Inuit Artistic Association in East Bayview Island. Meeting place, Scarborough College. 10 a.m. to 3 p.m.

Assembly? Minister? Liturgy? The Challenge of Today's Liturgical Assembly.

WEDNESDAY, NOVEMBER 22 AND
THURSDAY, NOVEMBER 29
Liturgical workshop. Presenter: Sheila O'Dea, RSM. Elliott MacGuigan Hall, Regis College, 15 St. Mary St. Fee \$10 per session, \$15 for both. Information: 922-5474.

Scarborough College Annual Fall Bazaar.

MONDAY, NOVEMBER 27
Crafts, baked goods and specialty items at a variety of booths. Meeting Place, Scarborough College. 12 noon.

Public Forum with 21 World Leaders.

THURSDAY, NOVEMBER 30
Host: Ann Medina, television correspondent. World Leadership Program. Convocation Hall. 8 p.m. Victoria University

Public Opinion and Society in Russia on the Eve of the Parliamentary Elections.

FRIDAY, DECEMBER 1
A workshop featuring Rosalina Rykina, Laboratory on Economic Sociology, Moscow; Prof. David Mason, Butler University; and Prof. Robert Byrns, Department of Sociology. 14352 Roberts Library. 10 a.m. to 3 p.m. CREES

Children's Science Workshop.

SUNDAY, DECEMBER 3
Demonstrations, hands-on activities and ideas for things to do at home. Directed by George Vanderkour, consultant, Board of Education. Auditorium, Medical Sciences Building. 3 p.m. Royal Canadian Institute

DEADLINES

Please note that information for Events listings must be received in writing at: The Bulletin office, 21 King's College Circle, 2nd floor, by the following times:

Issue of December 11, for events taking place Dec. 11 to Jan. 8: MONDAY, NOVEMBER 27.

Issue of January 11, for events taking place Jan 11 to 22: MONDAY, DECEMBER 11.

The Hart House Singers

under the direction of Melva Graham

present a

Winter Concert

featuring

Respighi's "Laude to the Nativity"

for soloists, chorus, and instrumental ensemble
and works by Purcell, Bartok, Rutter and P.D.Q. Bach

Monday, December 4, 1995

at 8:00 pm

in the Great Hall, Hart House

Free Admission

Reception to Follow

HART HOUSE
UNIVERSITY OF TORONTO

Come Skate with Bobby Orr, the Toronto Maple Leafs, and a host of other celebrities!

Sunday, December 3, 1995 at
Maple Leaf Gardens, Toronto

Corporate Skate 1:00 pm - 2:30 pm
Public Skate 3:00 pm - 5:00 pm

Call The Easter Seal Society for
more information (416) 421-8377



Where to find THE BULLETIN

RACKS AND BOXES

Door & St. George
southeast corner

Garrett Larkin Building
16 Devonshire Place, lobby

Claude T. Russell Building
140 St. George St., inside

Roberts Library
north entrance

Wetzel College
Hospital Ave. at Tower Rd.

Whitney Hall
85 St. George St.
in sheltered entrance

Sir Daniel Wilson Residence
73 St. George St.
box by porter's door

Sir Daniel Wilson Residence
southwest corner

21 King's College Circle
inside front door

University College
lobby

Simcoe Hall
risk inside door

Medical Sciences Building
main entrance

Medical Sciences Building
east side by dean's office

Sigmund Samuel Library
lobby

Hart House
Arbor Room entrance

Sidney Smith Hall
inside west and east doors

Sidney Smith Cafeteria
east door

Innis College
Sutton Ave. at Innis College Cafe

New College
21 Clarke Ave., Westmore Hall

New College
40 Willocks St.

New College
northwest corner
Huron and Willocks

Rotary
25 Willocks St.
corner on east side

Forster
33 Willocks St., east entrance

45 Willocks St.
front of building

Leslie Miller Chemical Laboratories
Willocks St. and St. George St. entrances

McLennan Physical Laboratories
main foyer

Knox College
50 St. George St., southwest corner

45-46 St. George St.
box between buildings

Calcraft Building
lobby on St. George St.

International Students Centre
inside door

Kaffier Student Services Centre
St. George St. and College St. entrances

215 Huron St.
inside front door

Sandford Fleming Building
open area

College St. & King's College Rd.
northeast corner

Fitzgerald Building
Taddle Creek Road, east side

Best Institute
112 College St. on wall

SNOWSTORM INFORMATION LINE

❄ Want to know if classes are cancelled? ❄
Want to know if the University is closed?

For St. George Campus call:
(416) 978-SNOW (7669)

For Erindale Campus
call Erindale Snow Hotline:
(905) 828-5399 and press 1

For Scarborough Campus
call Scarborough Snow Hotline:
(416) 287-7080

A decision to cancel classes or to close the
University will only be taken under the most
severe weather conditions.

CREDIT FOR SELF-EMPLOYED PEOPLE: A GLOBAL RESPONSE FOR CHANGING ECONOMIC TIMES

A Public Breakfast
with

DR. MUHAMMAD YUNUS

Founder and Managing Director of the
GRAMEEN BANK IN BANGLADESH

(Through the work of Dr. Yunus, the Grameen Bank has provided loans to more than two million of the poorest people in Bangladesh, namely women. Find out how micro-credit, now a global movement, has gained international recognition as one of the most successful ways of helping individuals help themselves.)

THURSDAY, NOVEMBER 23, 1995
7:30 – 9:00 A.M.

UNIVERSITY OF TORONTO
HART HOUSE (THE DEBATES ROOM)

CO-SPONSORED BY
CALMEADOW AND
UNIVERSITY OF TORONTO - SCHOOL OF GRADUATE STUDIES

FREE ADMISSION

A CONTINENTAL BREAKFAST WILL BE SERVED.

For further information contact: University of Toronto (416) 978-5986

Maternity Leave Planning

Free Workshop adopts a highly practical approach to preparing faculty, staff and librarians for maternity leave and a successful return to work.
Wednesday, December 13, 12-12:30.
Family Care Advisor: 978-0951

RESEARCH NOTICES

For further information and application forms for the following agencies, please contact University of Toronto Research Services (UTRS) at 978-2163.

INTERNATIONAL
GERMAN-AMERICAN ACADEMIC COUNCIL/ALEXANDER VON HUMBOLDT FOUNDATION
The Transcop Program for transatlantic research cooperation among German, US and Canadian Scholars in the humanities and social sciences is inviting applications for research funding. For further information contact Tom Fleming at 978-1870. Applications are due in Germany no later than December 15.

MEDICINE & LIFE SCIENCES
BAYCEST CENTRE FOR GERIATRIC CARE
The Ratman Research Institute is offering post-doctoral research fellowships for MDs or PhDs with an interest in clinical neuropsychology, cognitive neuroscience and cognitive neuropsychology. Post-doctoral positions are also available for individuals with funding from external sources. Deadline is December 22.

EPILEPSY CANADA
Epilepsy Canada announces additional support available for 1996-97: the Mark Cooney memorial bursary is a \$35,000 research fellowship offered as a training award and is not intended for individuals holding a faculty appointment. Deadline is December 1.

HEALTH CANADA
Health Canada has announced the call for letters of intent to bid on the Centres of Excellence for Women's Health. The competition process information is also available on the Women's Health Bureau World Wide Web home page (<http://www.hwc.ca/data/chp/datawhb/index.htm>). Detailed terms of reference, criteria and guidelines are available from UTRS. The vice-president (research and international relations) asks that U of T investigators notify UTRS of their intent to submit. Deadline is December 20.

NATIONAL BOARD OF MEDICAL EXAMINERS
The NBME medical education research fund's first (1995-96) RFP invites investigators to submit proposals for projects that show promise of providing new knowledge and understanding of educational measurement and program evaluation in medical schools. Deadline is December 11.

PMAC-HEALTH RESEARCH FOUNDATION
A revised and modified application form has been issued for submissions to research career awards in the health sciences, post-doctoral fellowships in pharmacy and graduate research scholarships in pharmacy. Form HRF4-95 will now be used. Deadline is December 1.

PHYSICAL SCIENCES & ENGINEERING
MARCONI INTERNATIONAL FELLOWSHIP COUNCIL
Nominations for the Marconi International fellowship are invited for individuals whose work in the fields of communication science and technology exemplifies technical creativity and concern for human welfare. The nomination must have three letters of support. Deadline is now November 30.

UPCOMING DEADLINES
NOVEMBER 24
Ontario Mental Health Foundation — fellowships

NOVEMBER 29
Physicians' Services Inc. Foundation — research grants
NOVEMBER 30
American Health Assistance Foundation — research grants
Calgary Institute for the Humanities — senior research fellowships
Canada Council — John G. Diefenbaker award
Canadian Orthopaedic Foundation — research grants
Canadian Society for the Weizmann Institute of Science — Chapak/Vered visiting fellowship
Lady Davis Fellowship Trust — graduate, post-doctoral fellowships, visiting professorship
Glenn Gould Foundation — Glenn Gould Prize
Hannah Institute — development grants, conference proposals, visiting professorships
NATO — collaborative research grants

DECEMBER 1
Amyotrophic Lateral Sclerosis Association (US) — letter of intent
Burroughs Wellcome Fund — toxicology scholar award
Canadian Diabetes Association — scholarships, fellowships, research grants
Canadian Fitness & Lifestyle Research Institute — letters of intent
Canadian Psychiatric Research Foundation — research grants, fellowships
James McKen Cattell Fund — sabbatical awards
Epilepsy Canada — Parke-Davis Canada research fellowships
Imperial Oil Limited — research grants
Link Foundation — energy fellowships
MRC — university/industry industrial studentships (new and renewal), Ciba-Geigy/MRC studentships, Merck-Frost/University of Guelph/MRC fellowships
NSERC/NSERC — advanced system research aircraft (ASRA) facilities access program
NSERC/Agriculture & Agri-Food Canada — research partnership
PMAC-Health Research Foundation — career awards in health sciences, post-doctoral fellowships in pharmacy, graduate student research scholarships in pharmacy
Research Institute of Innovative Technology for the Earth — research grants
Whitaker Foundation — research grants (letter of intent)
Whitehall Foundation — research grants

DECEMBER 15
Arthritis Society — research scholar, scientist, research grants, multi-centre group grants
Canadian Space Agency/NSERC — research partnership program
Damon Runyon-Walter Winchell Cancer Research Fund — fellowships
Muscular Dystrophy Association (US) — request for application
DECEMBER 18
Howard Hughes Medical Institute — post-doctoral research fellowships for physicians
DECEMBER 22
Baycrest Centre for Geriatric Care — post-doctoral fellowships
DECEMBER 31
Huntington Society of Canada — predoctoral scholarships
Smokeless Tobacco Research Council — research grants

PHD ORALS

Graduate faculty please call the PhD examinations office at 978-5258 for information regarding time and location for these listings.

THURSDAY, NOVEMBER 23
François Lachance, Centre for Comparative Literature, "Sense Orientations, Meanings, Apparatus. Ideological Dimensions of Select 20th-Century Occidental Texts Devoted to Technology, Perception and Reproduction." Prof. B.C. Stock.

FRIDAY, NOVEMBER 24
Werner Antweiler, Department of Economics, "Three Essays on International Trade: Hysteresis, R&D and the Environment." Prof. P.H. Pauly.

Kathy Lynn Gaca, Department of Classical Studies, "The Early Christian Adaptation of Ancient Greek Philosophical and Biblical Principles of Human Sexual Conduct." Prof. J. Rist.

Elizabeth Marion Lasserre, Department of French Language & Literature, "Aspects de la neosylvestique: Etude des poemes de Patrice Desbiers." Profs. P.R. Leon and H.G. Schogt.

David Charles Lewis, Department of History, "European Unity and the Politics of Collaboration: France and Francophone Belgium, 1940-1945." Prof. M.R. Marrus.

TUESDAY, NOVEMBER 28
Joseph David Jean Andre Bissonnette, Department of Nutritional Sciences, "Effects of Hypocaloric Feeding and High Carbohydrate Refeeding on In Situ Muscle Function, Glycolysis and Body Composition." Prof. K.N. Jejeebhoy.

Mark Andrew Tapia, Department of Computer Science, "From Shape to Style, Shape Grammars: Issues in Representation and Computation, Presentation and Selection." Prof. W.A.S. Buxton.

WEDNESDAY, NOVEMBER 29
Carolyn R. Cho, Institute of Medical Science, "The Detachment of Glomerular Epithelial Cells in Nephrotic Proteinuria." Prof. C.J. Lumsden.

Timothy H. Landry, Department of Education, "Neuropsychological, Demographic and Neurological Predictors of Behavioural Disturbance Subsequent to Severe Closed Head Injury." Prof. P.E.J. Gamlin.

Kin Chung Lo, Department of Economics, "Games with Uncertainty Averse Players." Prof. L.G. Epstein.

THURSDAY, NOVEMBER 30
Ho-Cheung Ho, Department of Economics, "Essays on Housing Market." Prof. J.D. B. Jossens.

FRIDAY, DECEMBER 1
Nobuhiko Akamatsu, Department of Education, "The Effects of First Language Orthographic Characteristics on Reading in English as a Second Language." Prof. D.M. Willows.

Shahinshah Hussain Azmi, Faculty of Social Work, "Perceptions of the Welfare Response to Wife Abuse in the Muslim Community of Metropolitan Toronto." Prof. D.F. Bellamy.

Joseph Laurence Black, Department of English, "Pamphlet Wars: The Marquette Tracts and 'Marinism', 1588-1688." Prof. A.H. de Quehen.

Jila Ghomeshi, Department of Linguistics, "Projection and Inflection: A Study of Persian Phrase Structure." Prof. D. Massam.

Kadri Ann Laar, Department of Education, "Estonian Mothers and Daughters: A Study of Ethnic Identity Development in Two Generations and Social Contexts, Estonia and Canada." Prof. S. Miczitis.

Noriko Takeda, Centre for Comparative Literature, "A Flowering Word: The Modernist Expression in French, English and Japanese Poetry." Prof. M.J. Valdes.

Rinaldo Wayne Walcott, Department of Education, "Performing the Postmodern: Black Atlantic Rap and Identity in North America." Prof. G. Dei.

MONDAY, DECEMBER 4
Lidia Ludmyla Demchyshyn, Department of Pharmacology, "The Molecular Cloning and Characterization of Three Dopamine D1 Receptor Subtypes." Profs. H.B. Niznik and P. Seeman.

Bruce Mitchell Elick, Department of Physics, "Numerical Studies of Hubbard-Based Model Hamiltonians in Two Dimensions." Prof. A.E. Jacobs.

Ruth Mary Weir, Department of Education, "The Impact of Progressive Education on Elementary Literacy in Ontario." Prof. I. Winchester.

TUESDAY, DECEMBER 5
Heather Wai-Sau Hui-Litwin, Department of Chemistry, "The Determination of the Molecular Orientation in Langmuir-Blodgett Monolayers Using Polarized FTIR-ATR Spectroscopy." Prof. M. Moskovits.

WEDNESDAY, DECEMBER 6
Karen Elizabeth Mundy,

Department of Education, "Education and Human Resources Development in the Canadian International Development Assistance Agency." Prof. J.P. Farrell.

Hossein Niknahad, Department of Pharmacy, "Redox Stress Cytotoxicity by Mitochondrial Respiratory Inhibitors." Prof. P.J. O'Brien.

Zhanjie Tan, Department of Chemistry, "Molecular Probing of Microstructure in Polymeric Materials: A Novel Approach Using Cluster Fractals." Prof. G.J. Vancso.

THURSDAY, DECEMBER 7
Jack Waldeimar Ilow, Department of Electrical & Computer Engineering, "Signal Processing in Alpha-Stable Noise Environments: Noise Modelling, Detection and Estimation." Profs. D. Hatzinakos and A.N. Venetianopoulos.

Yvette Ly, Department of Chemical Engineering & Applied Chemistry, "Electrically Modulated Variable Permeability Liquid-Crystalline Polymer." Prof. Y.-L. Cheng.

Selina Lesiak Prosper Mushi, Department of Education, "ESL Student Teachers' Abilities to Reflect on Practice Teaching in Tanzania: An Experiment on Explicitly Taught and Spontaneous Reflection." Prof. M.W. Wahlstrom.

Mamduh Hussein Refaat, Department of Mechanical Engineering, "Nonlinear Finite Element Analysis of Frictional

Contact Problems Using Variational Inequalities." Prof. S.A. Meguid.

FRIDAY, DECEMBER 8
Bruce William Barton, Graduate Centre for Study of Drama, "Changing Frames: Medium Matters in Selected Plays and Films of David Mamet." Prof. R. Byden.

Sarah Grace Cummins, Department of French Language & Literature, "Meaning and Mapping." Prof. Y. Roberge.

Margaret Njoki Kamau, Department of Education, "Empowerment or Disempowerment: The Perspectives of Women Academics in Kenya." Prof. S. Acker.

Wallace James MacLean, Department of Electrical & Computer Engineering, "Recovery of Egomotion and Segmentation of Independent Object Motion Using the EM-Algorithm." Profs. R.C. Frecker and A.D. Jepson.

Steven Blake Shubert, Faculty of Information Studies, "Subject Access to Museum Objects: Applying the Principles of the Subject Approach to Information from Library and Information Science to the Documentation of Humanities Museum Collections." Prof. N.J. Williamson.

Helen Elizabeth Valls, Centre for Medieval Studies, "Studies on Roger Frugardi's Chiriquia." Prof. B.S. Memries.

COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees. The deadline for submissions is Monday, two weeks prior to publication.

SEARCH

REVIEW OF UNIVERSITY DAY CARE POLICY AND FACILITIES

In light of the success of the University's recent forum into part-time day care on the St. George and Enbridge campuses, the University's deteriorating financial circumstances and the union of OISE with U of T, Professor Michael Finlayson, vice-president (administration and human resources), has asked Ellen Giles, the acting family care adviser, to conduct a review of the University's day care policy. The review will include the following issues:

1. An examination of the relative needs of the University community for full-time and part-time child care, including infants and toddlers.
2. The direct and indirect costs of the University (and to OISE) of existing day care facilities (in consultation with the planning and budget department).
3. The extent to which existing day care operations on the three campuses conform to the University policy.

4. A comparison of U of T day care policies and facilities with those of other universities in Ontario.
5. Comments on the current day care policy. Anyone wishing to communicate views on the subject of day care should contact Gayle Murray, employee relations coordinator, Human Resources Department, at 978-4419.

REVIEW

DEAN, SCHOOL OF ARCHITECTURE & LANDSCAPE ARCHITECTURE
In accordance with the *Perron Rules*, President Robert Prichard has appointed a committee to recommend the appointment of a dean of the School of Architecture & Landscape Architecture effective July 1. Members are: Provost Adel Sedra (chair), Professors Edward Fife, chair, Program in Landscape Architecture, School of Architecture & Landscape Architecture; Steven Fong, associate chair, Program in Architecture, School of Architecture & Landscape

Architecture; Bruce Kuwabara, Brigitte Shim and Robert Wright, School of Architecture & Landscape Architecture; Michael Charles, dean, Faculty of Applied Science & Engineering; Jon Cohen, dean, School of Graduate Studies; and Meric Gertler, director of program in planning, Department of Geography, and Komala Prabhakar, registrar, School of Architecture & Landscape Architecture; Pierre Belanger, president, Landscape Architecture Students' Society; Jeffrey Segal, president, Architecture Students' Union; Carolyn Woodland, alumna, School of Architecture & Landscape Architecture; Eberhard Zeidler, member of the advisory board, School of Architecture & Landscape Architecture; and Paul McCann, assistant vice-president, professional faculties (secretary). The committee would welcome nominations and comments from interested persons. These should be forwarded to Provost Adel Sedra at room 225, Simcoe Hall, by November 30.



Faculty of Forestry Conference 95

Conservation of Northern Forests: Responsible Stewardship for the Future

26 November to 1 December 1995

CONFERENCE BANQUET

THURSDAY, NOVEMBER 30, 1995

Hart House Great Hall

Reception: 6:30 p.m., Dinner: 7:30 p.m.

Banquet Speaker:

THE GRAND CHIEF MATTHEW COONCOME
GRAND COUNCIL OF THE CREEES (OF QUEBEC)

\$36 per person

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INTERFERING WITH HOPE

Anticipated government cuts threaten dream of equal society, says student leader

By STEPHEN JOHNSON

MY FAMILY CAME TO Canada in 1956 to build a life free from the rigid class restraints of England. My great-grandfathers were railway workers, soldiers and police constables whose siblings were butlers and tradesmen, and my relatives in England and Scotland are today very much like the ancestors we share.

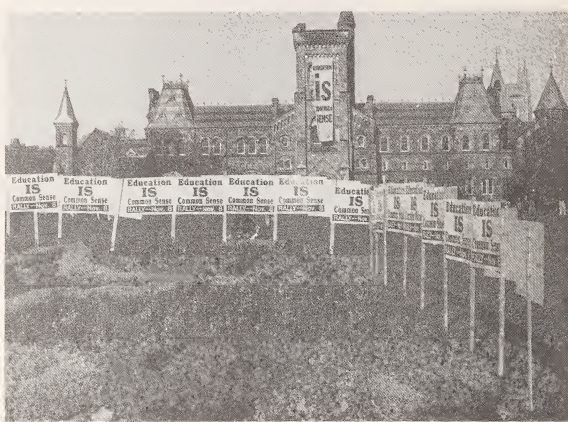
It was to avoid living lives that had in almost every detail already been lived that my grandparents came to Canada. My mother was the "clever one" when she finished high school, but she did so before student loans and low tuition fees made a university education possible. Like many of her generation she learned a skill and became a bookkeeper. When I was born she chose to be a single mother at a time when such a choice was still somewhat taboo. Assisted by the credit union she financed my journey through the University of Toronto Schools and McGill until graduate fellowships and teaching assistantships replaced her as the source of my educational financing.

While student loans and part-time jobs played a role there is no mistaking the fact that it was my mother's financial sacrifice that brings me to the point where I write these words. Yet I doubt that her sacrifice will be replicated by today's single mothers with children in the latter years of high school if Mr. Harris' anticipated cuts are implemented. How many will be able to afford tuition between \$4,300 and \$6,200 per child per year? How many will be deterred by income-contingent loan repayment plans (ICLRP) that do not include interest subsidies? How many will assume tuition-only ICLRPs loans at seven percent that after a bachelor's degree will total \$20,455 including \$3,255 in interest? How many will even consider doctoral work if after 10 years the tally is \$64,075 including \$21,075 in interest? How many will determine that the cost of hope is hopelessly high?

But what of the traditional middle-income family? What impact will higher tuition and tuition-only ICLRPs have on the traditional source of the University's student body? To address this question I need look no further than my wife who already owes \$28,100 in student loans. With four university-age children and a large mortgage, my in-laws have been unable to financially assist their children, yet current government loan programs have excluded my wife and her sisters because of unrealistic expectations about "parental contributions." How many more children of the "middle class" will face this situation when tuition doubles? How many more families will face the impossible dilemma of tuition or the mortgage?

This is my story. There are thousands of stories just like mine: undergraduates who work full-time jobs while taking partial course loads; graduate students who register as full-time (because they have to) yet work 30+ hours each week and then have to explain why they cannot finish their PhDs in four years; full-time undergraduates who are forced to miss classes and tutorials and take late penalties on assignments because their work schedules do not conform to the academic timetables designed for the students of the 1950s and 1960s, etc., etc., etc....

LAST MONTH EDUCATION MINISTER JOHN SNOBELN personally intervened to save a program for autistic children. Last month he also refused to acknowledge the 25 written requests for a meeting sent on the behalf of University of Toronto's three student governments and the 50,000+ students represented by the Association of Part-time Undergraduate Students, the Students' Administrative Council and the Graduate Students'



Union. Together, these events reveal a great deal about the minister's approach to lobbying. In the first case he was swayed by the personal appeals of the parents involved; in the second he appears to have dismissed representative organizations as mere "interest groups."

While the impact of this approach to public consultation does not bode well for a pluralist society we should avoid the indulgence of outrage as the new government is merely doing what's already been done at U of T. Let us not forget that our administration consistently expresses a preference for individual, as opposed to group, representation on the boards of Governing Council. At U of T, and now Queen's Park, the personal is more important than the plural.

HOW MANY MORE FAMILIES WILL FACE THE IMPOSSIBLE DILEMMA OF TUITION OR MORTGAGE?

Mindful of this reality I accepted *The Bulletin's* request for an article exploring the impact of funding cuts on "regular" students. While my remarks are personal reflections I would be remiss if I did not briefly remind readers that the proposed cuts represent the biggest assault on education in history. Be they 30 percent of the province's grant or "only" 15 percent, the cuts will represent an amount greater than the cumulative reductions in funding over the past 10 years. Our university alone stands to lose anywhere from \$80 million to \$160 million over the next two years on top of the \$3,257,772 cut this past year. To put this in perspective one should remember that \$80 million is greater than the entire budget for the Faculties of Medicine, Dentistry, Pharmacy and Nursing combined.

If past practice is any precedent we know how U of T will respond. When the University cut its "grants" to the Department of Athletics & Recreation and Hart House nearly every cent of the shortfall was recouped through new student fees, and when the University decided that First Nations House, the

International Student Centre, the Career Centre, Housing Service and other services were no longer important enough for support they created the Student Services Fee. Let us not forget that the Harris government is not the first to single out aboriginals, international students, those in need of job counselling, those in need of housing, medical services, personal counselling and those seeking athletic and cultural succour. Students know the Common Sense Revolution parallels the Priorities Revolution of Rob Prichard! If the past is indicative we can safely assume that this university will pass the cost of the cuts on to students. As a result just over 44,000 (full-time equivalent) students at U of T can expect an increase of \$1,800 in tuition if the government cuts \$400 million, and \$3,600 if the cut is \$800 million.

To understand what this means one must remember that universities have been among the great institutions

of social levelling over the past 30 years. They have given meaning to the promise of a liberal society by making education available and accessible, (almost) regardless of socioeconomic background. They have advanced society's promise that ability would be rewarded, have managed to transform an ideal into a reality and have given each generation hope. To understand what is at stake we must realize that nothing less than hope is jeopardized by these cuts.

While this statement may seem excessively rhetorical I have no qualms making it because it is born of my own experience.

THE REALITY IS THAT IT IS ALREADY HARD ENOUGH TO MEET the cost of university without making the cost even higher. The promise of our society is already under siege and the hope for a better future is already faint. The decisions of this government will have long-felt repercussions as students choose not to pursue university and others indent themselves in the belief that an education is worth almost any price. If these realities are not enough to compel decision-makers to reconsider let them think about the personal choices created by higher fees.

If the government increases tuition by only \$1,800, my wife and I will have to seriously reconsider whether we can afford to have her go to graduate school and incur at least \$6,630 in new tuition debt on top of the \$27,600 she would accumulate under current loan arrangements. We will have to consider whether or not our future plans can support an anticipated total debt for her education of \$73,445. If interest-subsidized student loans, as we now know them, are entirely replaced by ICLRPs loans, our decision will involve at least a further \$5,000 in debt bringing her total to over \$78,000.

How long will it take for us to repay this? Having repaid it, how long will it take for us to accumulate enough for a down payment on a house? When we are repaying her student debt will banks insist that our parents secure our credit? Can we afford to have her leave the workforce for any period so that we can begin the family that we desire? Will we be forced to choose between her education and our desire for a home and children of our own?

Mr. Snobelen chose a life which did not include a university education. To his credit, his hard work has made him a millionaire. Now he holds a million decisions of today's and tomorrow's students in his hands. If he is wise he will find a way to keep hope alive.

Stephen Johnson is president of the Graduate Students' Union.